PTO/SB/17 (02-07)

Approved for use through 02/28/2007. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL FOR Y 2007  Applicant claims small entity status. See 37 CFR 1.27  TOTAL AMOUNT OF PAYMENT  (\$ 120.00  Attorney Docket No. 4661-0113PUS1  METHOD OF PAYMENT (check all that apply)  Check Credit Card Money Order  Deposit Account Deposit Account, the Director is hereby authorized to: (check all that apply)  Check Credit Card Money Order  Deposit Account Deposit Account Name: Birch, Stewart, Kolasch & Birch, LLP  For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  Charge fee(s) indicated below  Total Charge fee(s) indicated below  Total Charge fee(s) indicated below, except for the filing fee  Tell Charge fee(s) indicated below, except for the filing fee  TELLO CHARGE  Application Type  Fee (\$ 7 Fee (\$) Fee (	Effective on 12/08/2004.				Complete if Known				
FEE TRANSMITTAL FOR FY 2007  Applicant claims amail entity status. See 37 CFR 1.27  Applicant claims amail entity status. See 37 CFR 1.27  TOTAL AMOUNT OF PAYMENT  (S) 120.00  Attorney Docket No. 4661-0113PUS1  METHOD OF PAYMENT (check all that apply)  Check Credit Card Money Order None Other (please identify):    Deposit Account Deposit Account Rumber 02-2448   Deposit Account Name: Birch, Stewart, Kolasch & Birch, LLP   For the above identified deposit account, the Director is hereby authorized to: (check all that apply)    Charge fee(s) indicated below Credit Card of					Application Number		10/584,451-Conf. #4154		
FIRST Named Inventor Samman SINGH  Applicant claims small entity status. See 37 CFR 1.27  Applicant claims small entity status. See 37 CFR 1.27  Art Unit 1645  TOTAL AMOUNT OF PAYMENT (\$) 120.00  Attomey Docket No. 4661-0113PUS1  METHOD OF PAYMENT (check all that apply)  Check Credit Card Money Order None Other (please identify):  Deposit Account Deposit Account Number 02-2448 Bapeas Account Name Birch, Stewart, Kolasch & Birch, LLP  For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  X Charge fee(s) indicated below Charge any additional fee(s) or underpayments of Credit any overpayments  FEE CALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES  FILING FEES  Small Entity Application Type Fee (\$) Fee	FEE TRANSMITTAL						June 22, 200	006	
Applicant claims small entity status. See 37 CFR 1.27  Ant Unit 1645  TOTAL AMOUNT OF PAYMENT (\$) 120.00 Attorney Docket No. 4661-0113PUS1  METHOD OF PAYMENT (check all that apply)  Check Credit Card Money Order None Other (please identify):    Deposit Account Depose Account Name CD-22448 Depose Account Name Birch, Steward, Kolasch & Birch, LLP  For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)    Charge Fee(s) indicated below					First Named In				
METHOD OF PAYMENT (check all that apply)	FOR FY 2007				Examiner Name Not Yet Assigned				
Check	Applicant claims small entity status. See 37 CFR 1.27				Art Unit 1645		1645		
Check Credit Card Money Order Deposit Account Number: O2-2448 Deposit Account Number: O2-2448 Deposit Account Number: O2-2448 Deposit Account Number: Birch, Stewart, Kolasch & Birch, LLP  For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)    X   Charge Rec(s) indicated below   Charge Rec(s) indicated below, except for the filing foe   Charge Rec(s)   Charge Re	TOTAL AMOUNT OF PAYMENT (\$) 120.00			Attorney Docket No. 4661-0113PUS1					
Deposit Account   Deposit Account   Deposit Account Number:   Birch, Stewart, Kolasch & Birch, LLP	METHOD OF PAYMEN	T (check all t	hat apply)						
Deposit Account   Deposit Account   Deposit Account Number:   Birch, Stewart, Kolasch & Birch, LLP	Charle Cradit C	Samu	4 Oud				.10.		
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)    Charge fee(s) indicated below   Charge fee(s) indicated below, except for the filing fee									
Charge fee(s) indicated below  Charge fee(s) indicated below.  Charge fee(s) indicated below, except for the filling fee  Charge fee(s) indicated below, except for the filling fee  Charge fee(s) indicated below, except for the filling fee  Credit any overpayments  FEE CALCULATION  1. BASIG FILING, SEARCH, AND EXAMINATION FEES  FILING FEES  Small Entity  Application Type  Fee(s)				•					
Charge any additional fee(s) or underpayments of lee(s) under 37 CFR 1.16 and 1.17   Credit any overpayments					F				a filing foo
FEE CALCULATION				monto of				skeept for th	e ming lee
Application Type	fee(s) under	37 CFR 1.16	and 1.17	ments of	x Credit	any overp	ayments		
Fill Note   Fill Note   Fee   Samal   Entity   Fee   Samal   Entit									
Small Entity   Fee (\$)	1. BASIC FILING, SEARCH	•							
Application Type				SEA		EXAMI		3	
Design	<b>Application Type</b>			Fee (\$)		Fee (\$)		Fees P	aid (\$)
Plant	Utility	300	150	500	250	200	100		
Reissue 300 150 500 250 600 300	Design	200	100	100	50	130	65		
Provisional 200 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Plant	200	100	300	150	160	80		
EXECT SECULATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Factoria in \$130 fee (no small entity discount)  Other (e.g., late filling surcharge): 1251 Extension for response within first month  Registration No. (Attorney/Agent) Mark J. Nuell  Registration No. (Michael Boyd)  Indeport of inaccordance with \$ 1.8(a)(4).  Total Sheets Independent claims paid for, if greater than 3.  Registration No. (Attorney/Agent) Mark J. Nuell  Registration No. (Attorney/Agent) Mark J. Nuell  Registration No. (Michael Boyd)	Reissue	300	150	500	250	600	300		
Total Claims   Extra Claims   Fee (\$)   Fee (\$	Provisional	200	100	0	0	0	0		
See Description Cach claim over 20 (including Reissues) Cach independent claim over 3 (including Reissues)  Wultiple dependent claims  Total Claims  Extra Claims  Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims Fee (\$) Fee Paid (\$)  HP = highest number of Independent claims paid for, if greater than 3.  APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets Number of each additional 50 or fraction thereof fee Paid (\$)  - 100 = /50 (round up to a whole number) x =   OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filling surcharge): 1251 Extension for response within first month  Registration No. (Autorney/Agent) 36,623 Telephone (858) 356-5959  ame (Print/Type) Mark J. Nuell  Registration No. (Autorney/Agent) See ing transmitted via the Office electronic filling system in accordance with § 1.6(a)(4).  Dated: June 29, 2007 Signature: (Milchael Boyd)	2. EXCESS CLAIM FEES							5	mall Entity
Authitiple dependent claims  Total Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  Multiple Dependent Claims  Fee (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  HP = highest number of independent claims paid for, if greater than 3.  APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  -100 =	Fee Description								
Multiple dependent claims  Total Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  Multiple Dependent Claims  Fee (\$)  Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  HP = highest number of independent claims paid for, if greater than 3.  APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CPR 1.52(e)), the application size fee due is \$2.50 (\$12.5 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CPR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Fee Paid (\$)  Fee (\$)								50	25
Total Claims   Extra Claims   Fee (\$)   Fee Paid (\$)   Multiple Dependent Claims   Fee (\$)   Fee Paid (\$)    HP = highest number of total claims paid for, if greater than 20.    Indep. Claims   Extra Claims   Fee (\$)   Fee Paid (\$)    HP = highest number of independent claims paid for, if greater than 3.    APPLICATION SIZE FEE   If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$2.50 (\$12.5 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets   Extra Sheets   Number of each additional 50 or fraction thereof   Fee (\$)   Fee Paid (\$)    - 100 =		er 3 (includin	g Reissues)					200	100
HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims  Extr	Multiple dependent claims							360	180
Indep. Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  HP = highest number of independent claims paid for, if greater than 3.  APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  (round up to a whole number) x  Fee Paid (\$)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): 1251 Extension for response within first month  120.00  UBMITTED BY  gnature  Registration No. (Altorney/Agent)  Altorney/Agent)  Altorney/Agent)  Date  June 29, 2007  Signature:  (Michael Boyd)	Total Claims Extra C	Claims Fe	e (\$)	Fee Pa	aid (\$)	M	<u>ultiple Depende</u>	ent Claims	
Indep. Claims   Extra Claims   Fee (\$)   Fee Paid (\$)	HP = highest number of total clair		aster than 20			<u>Fe</u>	e (\$)	Fee Paid (\$)	
HP = highest number of independent claims paid for, if greater than 3.  APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number) x  =  OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): 1251 Extension for response within first month  120.00  UBMITTED BY  gnature  Registration No. (Attorney/Agent)  As 6,623  Telephone (858) 356-5959  Indeed: June 29, 2007  I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).  Dated: June 29, 2007  Signature:  (Michael Boyd)				Fee P	aid (\$)	****		*****	- ]
APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets	- =			10011	λια (ψ)				
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listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets	3. APPLICATION SIZE FEE								-
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  - 100 = /50 (round up to a whole number) x =   OTHER FEE(S) Fees Paid (\$)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): 1251 Extension for response within first month 120.00  UBMITTED BY gnature Registration No. (Attorney/Agent) 36,623 Telephone (858) 356-5959 ame (Print/Type) Mark J. Nuell Date June 29, 2007  I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).  Date: June 29, 2007 Signature: (Michael Boyd)	If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer								
Total Sheets Extra Sheets   Number of each additional 50 or fraction thereof   Fee (\$)   Fee Paid (\$)	sheets or fraction thereof. See 35 H.S.C. 41(a)(1)(G) and 37 CFR 1.16(a)								
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Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): 1251 Extension for response within first month  UBMITTED BY gnature Registration No. (Attorney/Agent) Ame (Print/Type) Mark J. Nuell  Registration No. (Attorney/Agent) Date June 29, 2007  I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).  Dated: June 29, 2007  Signature:  (Michael Boyd)		•						<u> </u>	aid (\$)
Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): 1251 Extension for response within first month  120.00  UBMITTED BY  gnature  Registration No. (Altorney/Agent) 36,623 Telephone (858) 356-5959  Date June 29, 2007  I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).  Dated: June 29, 2007 Signature: (Michael Boyd)	4. OTHER FEE(S)				•	,		Fees P	aid (\$)
gnature    Registration No. (Attorney/Agent)   36,623   Telephone   (858) 356-5959     I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).    Date   June 29, 2007   Date   June 29, 2	Non-English Specification	on, \$130 fee	(no small enti	ty discou	ınt)				141
Registration No. (Altorney/Agent) 36,623 Telephone (858) 356-5959  Date June 29, 2007  I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).  Dated: June 29, 2007 Signature: (Michael Boyd)	Other (e.g., late filing sur	rcharge): <u>12</u>	51 Extension	for resp	onse within fir	st month		120	.00
Registration No. (Altorney/Agent) 36,623 Telephone (858) 356-5959  Date June 29, 2007  I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).  Dated: June 29, 2007 Signature: (Michael Boyd)	SUBMITTED BY								
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Dated: June 29, 2007 Signature: (Michael Boyd)	Name (Print/Type) Mark J. Nu	uell		1.0	Attorney/Agent)		Date		
Dated: June 29, 2007 Signature: (Michael Boyd)	I hereby certify that this paper (	along with anv	paper referred to	as being	attached or enclose	ed) is being	transmitted via th	e Office electro	nic filing
	system in accordance with § 1.	6(a)(4).				.,9		- 5,,,,,,	mily
ch, Stewart, Kolasch & Birch, LLP	Dated: June 29, 2007	Signature: _	02		(	Michael Boy	/d)		
	rch, Stewart, Kolasch & Birch Li	LP			1				

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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		Application Number	10/584,451-Conf. #4154					
TRANSMIT	ΓAL	Filing Date	June 22, 2006					
FORM		First Named Inventor	Sarman SINGH					
		Art Unit	1645					
(to be used for all correspondence at	ter initial filing)	Examiner Name	Not Yet Assigned					
Total Number of Pages in This Subm	ission 17	Attorney Docket Numl	<sup>ber</sup> 4661-0113PUS1					
ENCLOSURES (Check all that apply)								
X Fee Transmittal Form	Drawing(s)		After Allowance Communication to TC					
Fee Attached Licensing-re		ated Papers	Appeal Communication to Board of Appeals and Interferences					
Amendment/Reply	Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)					
After Final	Petition to Co		Proprietary Information					
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address		Status Letter					
X Extension of Time Request	Terminal Disc	claimer	X Other Enclosure(s) (please Identify below):					
Express Abandonment Request	Request for I	Refund	Amendment and Response to Notice to Comply					
Information Disclosure Statement	CD, Number of CD(s)		Sequence Listing - Paper Sequence Listing - Computer-					
Certified Copy of Priority Document(s)	Landsca	ape Table on CD	Readable (electronically filed) Copy of Notice to Comply					
Reply to Missing Parts/ Incomplete Application	Remarks	Remarks						
Reply to Missing Parts under 37 CFR 1.52 or 1.53								
07 01 ft 1.02 01 1.00								
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT								
	BIRCH, STEWART, KOLASCH & BIRCH, LLP							
Signature MIN.	ml/NeQ							
Printed name Mark J. Nuell	Mark J. Nuell							
June 29, 2007		Reg. No.	36,623					
		1						

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4). (Michael Boyd)

Dated: June 29, 2007

Signature: